

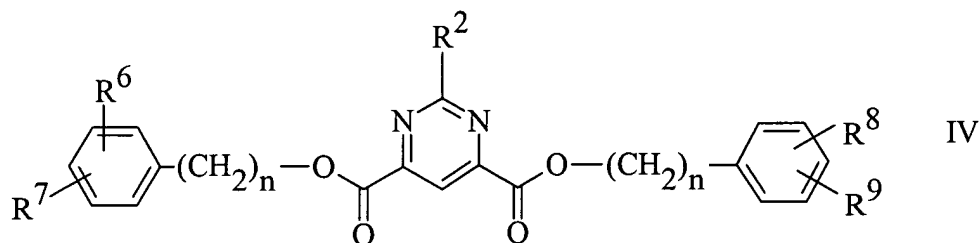
## AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application.

### Listing of claims:

**Claims 1 to 8 (canceled).**

**Claim 9 (original).** A compound of Formula IV



or a pharmaceutically acceptable salt thereof,

wherein Each n independently is an integer of from 0 to 6;

R<sup>2</sup> is hydrogen, halo, hydroxy, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> alkoxy, C<sub>2</sub>-C<sub>6</sub> alkenyl,

C<sub>2</sub>-C<sub>6</sub> alkynyl, NO<sub>2</sub>, NR<sup>4</sup>R<sup>5</sup>, CN, or CF<sub>3</sub>; and R<sup>6</sup>, R<sup>7</sup>, R<sup>8</sup>, and R<sup>9</sup>

independently are hydrogen, halo, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> alkoxy, nitro, or NH<sub>2</sub>;

R<sup>4</sup> and R<sup>5</sup> independently are H, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>2</sub>-C<sub>6</sub> alkenyl, C<sub>2</sub>-C<sub>6</sub> alkynyl,

(CH<sub>2</sub>)<sub>n</sub> aryl, (CH<sub>2</sub>)<sub>n</sub> cycloalkyl, (CH<sub>2</sub>)<sub>n</sub> heteroaryl, or R<sup>4</sup> and R<sup>5</sup> when taken together with the nitrogen to which they are attached complete a 3- to 8-membered ring containing carbon atoms and optionally containing a heteroatom selected from O, S, or NH, and optionally substituted or unsubstituted.

**Claim 10 (canceled).**

**Claim 11 (currently amended).** A The compound ~~selected from:~~

~~Pyrimidine 4,6-dicarboxylic acid, (4-chloro-benzylamide), [(1,3-benzodioxol-5-ylmethyl)-amide];~~  
~~Pyrimidine 4,6-dicarboxylic acid, (4-carboxy-benzylamide), [(1,3-benzodioxol-5-ylmethyl)-amide];~~  
~~Pyrimidine 4,6-dicarboxylic acid, (4-carboxy-benzylamide), (4-methoxy-benzylamide);~~  
~~Pyrimidine 4,6-dicarboxylic acid, (4-carboxy-benzylamide), (3-methoxy-benzylamide);~~  
~~Pyrimidine 4,6-dicarboxylic acid, (4-carbomethoxy-benzylamide), (3-methoxy-benzylamide);~~  
~~Pyrimidine 4,6-dicarboxylic acid, (4-carboxy-benzylamide), (3-pyridylmethylamide);~~  
~~Pyrimidine 4,6-dicarboxylic acid, (4-carboxy-benzylamide), (3-thiophenemethylamide);~~  
~~Pyrimidine 4,6-dicarboxylic acid, (2,1,3-benzothiadiazol-5-ylmethyl)-amide, [(1,3-benzodioxol-5-ylmethyl)-amide];~~  
~~Pyrimidine 4,6-dicarboxylic acid, (2,1,3-benzooxadiazol-5-ylmethyl)-amide, [(1,3-benzodioxol-5-ylmethyl)-amide];~~  
~~Pyrimidine 4,6-dicarboxylic acid, (2,1,3-benzothiadiazol-5-ylmethyl)-amide, (4-methoxy-benzylamide);~~  
~~Pyrimidine 4,6-dicarboxylic acid, (2,1,3-benzothiadiazol-5-ylmethyl)-amide, (3-methoxy-benzylamide);~~  
~~Pyrimidine-4,6-dicarboxylic acid bis-(1,3-benzodioxol-5-ylmethyl) ester;~~  
~~Pyrimidine 4,6-dicarboxylic acid, bis-(4-chloro-benzylamide);~~  
~~Pyrimidine 4,6-dicarboxylic acid, bis-[(1,3-benzodioxol-5-ylmethyl)-amide];~~  
~~Pyrimidine 4,6-dicarboxylic acid, bis-(4-methoxy-benzylamide);~~  
~~Pyrimidine 4,6-dicarboxylic acid, bis-(3-methoxy-benzylamide);~~  
~~Pyrimidine 4,6-dicarboxylic acid, bis-(4-carboxy-benzylamide); and~~  
~~Pyrimidine 4,6-dicarboxylic acid, bis-(4-carbomethoxy-benzylamide).~~

Claims 12 to 14 (canceled).

**Claim 15 (withdrawn).** A pharmaceutical composition, comprising an MMP-13 inhibiting amount of a compound of Claim 9, or a pharmaceutically acceptable salt thereof, together with a pharmaceutically acceptable carrier, diluent, or excipient.

**Claims 16 to 21 (canceled).**

**Claim 22 (previously presented).** A method for treating inflammation, comprising administering to a patient in need of treatment an effective amount of a compound of Claim 9, or a pharmaceutically acceptable salt thereof.

**Claim 23 (previously presented).** A method for treating osteoarthritis, comprising administering to a patient in need of treatment an effective amount of a compound of Claim 9, or a pharmaceutically acceptable salt thereof.

**Claim 24 (previously presented).** A method for treating rheumatoid arthritis, comprising administering to a patient in need of treatment an effective amount of a compound of Claim 9, or a pharmaceutically acceptable salt thereof.

**Claim 25 (canceled).**

**Claim 26 (new).** A method for treating inflammation, comprising administering to a patient in need of treatment an effective amount of a compound selected from the group consisting of:

Pyrimidine-4,6-dicarboxylic acid, (4-chloro-benzylamide), [(1,3-benzodioxol-5-ylmethyl)-amide];

Pyrimidine-4,6-dicarboxylic acid, (4-carboxy-benzylamide), [(1,3-benzodioxol-5-ylmethyl)-amide];

Pyrimidine-4,6-dicarboxylic acid, (4-carboxy-benzylamide), (4-methoxy-benzylamide);

Pyrimidine-4,6-dicarboxylic acid, (4-carboxy-benzylamide), (3-methoxy-benzylamide);

Pyrimidine-4,6-dicarboxylic acid, (4-carbomethoxy-benzylamide), (3-methoxy-benzylamide);

Pyrimidine-4,6-dicarboxylic acid, (4-carboxy-benzylamide), (3-pyridylmethylamide);

Pyrimidine-4,6-dicarboxylic acid, (4-carboxy-benzylamide), (3-thiophenemethylamide);

Pyrimidine-4,6-dicarboxylic acid, (2,1,3-benzothiadiazol-5-ylmethyl) amide, [(1,3-benzodioxol-5-ylmethyl)-amide];

Pyrimidine-4,6-dicarboxylic acid, (2,1,3-benzooxadiazol-5-ylmethyl) amide, [(1,3-benzodioxol-5-ylmethyl)-amide];

Pyrimidine-4,6-dicarboxylic acid, (2,1,3-benzothiadiazol-5-ylmethyl) amide, (4-methoxy-benzylamide);

Pyrimidine-4,6-dicarboxylic acid, (2,1,3-benzothiadiazol-5-ylmethyl) amide, (3-methoxy-benzylamide);

Pyrimidine-4,6-dicarboxylic acid bis-(1,3-benzodioxol-5-ylmethyl) ester;

Pyrimidine-4,6-dicarboxylic acid, bis-(4-chloro-benzylamide);

Pyrimidine-4,6-dicarboxylic acid, bis-[(1,3-benzodioxol-5-ylmethyl)-amide];

Pyrimidine-4,6-dicarboxylic acid, bis-(4-methoxy-benzylamide);

Pyrimidine-4,6-dicarboxylic acid, bis-(3-methoxy-benzylamide);

Pyrimidine-4,6-dicarboxylic acid, bis-(4-carboxy-benzylamide); and

Pyrimidine-4,6-dicarboxylic acid, bis-(4-carbomethoxy-benzylamide), or a pharmaceutically acceptable salt thereof.

**Claim 27 (new).**

A method for treating osteoarthritis, comprising administering to a patient in need of treatment an effective amount of a compound selected from the group consisting of:

Pyrimidine-4,6-dicarboxylic acid, (4-chloro-benzylamide), [(1,3-benzodioxol-5-ylmethyl)-amide];

Pyrimidine-4,6-dicarboxylic acid, (4-carboxy-benzylamide), [(1,3-benzodioxol-5-ylmethyl)-amide];

Pyrimidine-4,6-dicarboxylic acid, (4-carboxy-benzylamide), (4-methoxy-benzylamide);

Pyrimidine-4,6-dicarboxylic acid, (4-carboxy-benzylamide), (3-methoxy-benzylamide);

Pyrimidine-4,6-dicarboxylic acid, (4-carbomethoxy-benzylamide), (3-methoxy-benzylamide);

Pyrimidine-4,6-dicarboxylic acid, (4-carboxy-benzylamide), (3-pyridylmethylamide);

Pyrimidine-4,6-dicarboxylic acid, (4-carboxy-benzylamide), (3-thiophenemethylamide);

Pyrimidine-4,6-dicarboxylic acid, (2,1,3-benzothiadiazol-5-ylmethyl) amide, [(1,3-benzodioxol-5-ylmethyl)-amide];

Pyrimidine-4,6-dicarboxylic acid, (2,1,3-benzooxadiazol-5-ylmethyl) amide, [(1,3-benzodioxol-5-ylmethyl)-amide];

Pyrimidine-4,6-dicarboxylic acid, (2,1,3-benzothiadiazol-5-ylmethyl) amide, (4-methoxy-benzylamide);

Pyrimidine-4,6-dicarboxylic acid, (2,1,3-benzothiadiazol-5-ylmethyl) amide, (3-methoxy-benzylamide);

Pyrimidine-4,6-dicarboxylic acid bis-(1,3-benzodioxol-5-ylmethyl) ester;

Pyrimidine-4,6-dicarboxylic acid, bis-(4-chloro-benzylamide);

Pyrimidine-4,6-dicarboxylic acid, bis-[(1,3-benzodioxol-5-ylmethyl)-amide];

Pyrimidine-4,6-dicarboxylic acid, bis-(4-methoxy-benzylamide);

Pyrimidine-4,6-dicarboxylic acid, bis-(3-methoxy-benzylamide);

Pyrimidine-4,6-dicarboxylic acid, bis-(4-carboxy-benzylamide); and

Pyrimidine-4,6-dicarboxylic acid, bis-(4-carbomethoxy-benzylamide), or a pharmaceutically acceptable salt thereof.

**Claim 28 (new).** A method for treating rheumatoid arthritis, comprising administering to a patient in need of treatment an effective amount of a compound selected from the group consisting of:

Pyrimidine-4,6-dicarboxylic acid, (4-chloro-benzylamide), [(1,3-benzodioxol-5-ylmethyl)-amide];

Pyrimidine-4,6-dicarboxylic acid, (4-carboxy-benzylamide), [(1,3-benzodioxol-5-ylmethyl)-amide];

Pyrimidine-4,6-dicarboxylic acid, (4-carboxy-benzylamide), (4-methoxy-benzylamide);

Pyrimidine-4,6-dicarboxylic acid, (4-carboxy-benzylamide), (3-methoxy-benzylamide);

Pyrimidine-4,6-dicarboxylic acid, (4-carbomethoxy-benzylamide), (3-methoxy-benzylamide);

Pyrimidine-4,6-dicarboxylic acid, (4-carboxy-benzylamide), (3-pyridylmethylamide);

Pyrimidine-4,6-dicarboxylic acid, (4-carboxy-benzylamide), (3-thiophenemethylamide);

Pyrimidine-4,6-dicarboxylic acid, (2,1,3-benzothiadiazol-5-ylmethyl) amide, [(1,3-benzodioxol-5-ylmethyl)-amide];

Pyrimidine-4,6-dicarboxylic acid, (2,1,3-benzooxadiazol-5-ylmethyl) amide, [(1,3-benzodioxol-5-ylmethyl)-amide];

Pyrimidine-4,6-dicarboxylic acid, (2,1,3-benzothiadiazol-5-ylmethyl) amide, (4-methoxy-benzylamide);

Pyrimidine-4,6-dicarboxylic acid, (2,1,3-benzothiadiazol-5-ylmethyl) amide, (3-methoxy-benzylamide);

Pyrimidine-4,6-dicarboxylic acid bis-(1,3-benzodioxol-5-ylmethyl) ester;

Pyrimidine-4,6-dicarboxylic acid, bis-(4-chloro-benzylamide);

Pyrimidine-4,6-dicarboxylic acid, bis-[(1,3-benzodioxol-5-ylmethyl)-amide];

Pyrimidine-4,6-dicarboxylic acid, bis-(4-methoxy-benzylamide);

Pyrimidine-4,6-dicarboxylic acid, bis-(3-methoxy-benzylamide);

Pyrimidine-4,6-dicarboxylic acid, bis-(4-carboxy-benzylamide); and

Pyrimidine-4,6-dicarboxylic acid, bis-(4-carbomethoxy-benzylamide), or a pharmaceutically acceptable salt thereof.